INTERNATIONAL SEARCH REPORT

PCT/EP2004/012577

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F04D17/12 F04D29/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC\ 7 \ F04D$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

ategory °	Citation of document, with indication, where appropriate, of t	Relevant to claim No.		
A	CH 350 408 A (GEBRUEDER SULZER AKTIENGESELLSCHAFT) 30 November 1960 (1960-11-30) page 2, line 41 - line 97; fig	. 1–5		
A	GB 765 145 A (SULZER FRERES) 2 January 1957 (1957-01-02) page 2, line 25 - line 60; fig	1,3-5		
A	GB 754 322 A (SULZER FRERES, S ANONYME) 8 August 1956 (1956—(page 2, line 105 — page 3, lin 1	1,3-5		
A	US 3 861 825 A (BLOM ET AL) 21 January 1975 (1975-01-21) column 3, line 10 - column 6, figure 2	1,2,4,5		
χ Furt	her documents are listed in the continuation of box C.	Patent family members are listed	In annex.	
"A" docum consider filling of the citation other "P" docum	ategories of cited documents: ant defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date and which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but han the priority date claimed	"T" later document published after the into or priority date and not in conflict with cited to understand the principle or the invention." "X" document of particular relevance; the cannot be considered novalor or canno involve an inventive step when the document of particular relevance; the cannot be considered to involve an in document of porticular prelevance; the cannot be considered to involve an in document is combined with one or ments, such combination being obvious in the art. "&" document member of the same patent	the application but every underlying the claimed Invention to considered to ournent is taken alone claimed Invention wentive step when the one other such docu- us to a person skilled	
	actual completion of the international search	Date of malling of the international sea	arch report	
2	23 February 2005	04/03/2005		
Name and	malling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (431-70) 340-2040, Tx. 31 651 epo nl,	Authorized officer Di Giorgio, F		

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ı	US 4 715 778 A (KATAYAMA ET AL) 29 December 1987 (1987-12-29) column 4, line 51 - column 6, line 16; figure 1	1,3-5
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